

TITLE 2: PUBLIC MORALS, SAFETY AND WELFARE

DIVISION 3: FIRE PROTECTION AND EXPLOSIVES AND HAZARDOUS MATERIALS

Chapter 1: UNIFORM FIRE CODE.

Sections:

- 23.011 Findings and Adoption of the Uniform Fire Code.
- 23.012 Storage of Flammable and Combustible Liquids.
- 23.013 Bulk Storage of Liquefied Petroleum Gases.
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23.011 Findings and Adoption of the Uniform Fire Code.

(a) FINDINGS. The Board of Supervisors of the County of San Bernardino hereby finds as follows:

(1) That the Western Fire Chiefs Association and the International Conference of Building Officials are private organizations which have been in existence for a period of at least three (3) years.

(2) That the Uniform Fire Code, 1988 Edition, and Uniform Fire Code Standards adopted by said organizations, are nationally recognized compilations of proposed rules, regulations, and standards of said organizations.

(3) That said Uniform Fire Code and Uniform Fire Code Standards have been printed and published as a code in book form within the meaning of Section 50022.2 *et seq.*, of the California Government Code.

(4) That one (1) copy of the Uniform Fire Code and Uniform Fire Code Standards, certified by the Clerk of the Board of Supervisors to be a true copy, has been filed for use and examination by the public in the office of the Clerk of the Board of Supervisors prior to the adoption of this Chapter.

(5) The sections of said Uniform Fire Code and Uniform Fire Code Standards may be referred to by the number used in said published compilation preceded by the words "Uniform Fire Code Section" or "Fire Code Section" and may also be referred to by additional reference to the San Bernardino County Code and sections therein pertaining to said Uniform Fire Code and Uniform Fire Code Standards.

(6) That the additional requirements and standards established herein are needed to properly protect the health, safety, and welfare of the existing and future residents and workers of San Bernardino County.

(b) ADOPTION OF UNIFORM FIRE CODE. The Board of Supervisors of the County of San Bernardino hereby adopts the 1988 Edition of the Uniform Fire Code, Uniform Fire Code Part VIII, Appendices; Division I, Appendices I-B, I-C; Division II, Appendices II-A, II-B, II-C, II-D; Division III, Appendices III-C, III-D; Division IV, Appendix IV-A; Division VI, Appendix VI-D; and the Uniform Fire Code Standards, as compiled and adopted by the Western Fire Chiefs Association and International Conference of Building Officials. The provisions of this Uniform Fire Code, Fire Code Appendices and Uniform Fire Code Standards shall apply to all the unincorporated areas of San Bernardino County.

Adopted Ordinance 1549 (1970); Amended Ordinance 2011 (1975); Amended Ordinance 2196 (1980); Amended Ordinance 2816 (1983); Amended Ordinance 3055 (1986); Amended Ordinance 3381 (1990);

23.012 Storage of Flammable and Combustible Liquids.

(a) Pursuant to Sections 79.501 and 79.1001 of the Uniform Fire Code, the storage of flammable and combustible liquids in outside above-ground tanks is prohibited in all commercial occupancy areas, developed residential areas, and other areas where the Fire Chief having jurisdiction determines that the installation of flammable and combustible above-ground storage tanks will create a hazard to occupants and property owners in the area. Deviation from these requirements may be allowed only upon specific written findings by the Chief.

(b) Pursuant to Section 79.1400 of the Uniform Fire Code, new bulk plants for flammable and combustible liquids shall be prohibited in all commercial districts, closely built commercial areas and heavily populated areas. The Fire Chief having jurisdiction shall be the final determining authority.

Adopted Ordinance 1549 (1970); Amended Ordinance 2011 (1975); Amended Ordinance 2196 (1980); Amended Ordinance 2816 (1983); Amended Ordinance 3055 (1986); Amended Ordinance 3381 (1990);

23.013 Bulk Storage of Liquefied Petroleum Gases.

Pursuant to Section 82.104 of the Uniform Fire Code, the aggregate capacity of any one installation for the bulk storage of liquefied petroleum gases shall not exceed two thousand (2,000) water gallons in residential areas. In nonresidential areas, when, in the opinion of the Fire Chief having jurisdiction, the location of bulk storage of liquid petroleum gases would create a threat to the occupants and property owners, the aggregate storage capacity of liquefied petroleum gas shall also be limited to two thousand (2,000) water gallons. The Fire Chief shall be guided by

Section 87.1335 of the San Bernardino County Development Code when permitting the storage of liquefied petroleum gas in excess of two thousand (2,000) water gallons at any one installation.

Adopted Ordinance 1549 (1970); Amended Ordinance 1678 (1971); Amended Ordinance 2011 (1975); Amended Ordinance 2196 (1980); Amended Ordinance 2816 (1983); Amended Ordinance 3055 (1986); Amended Ordinance 3381 (1990);

23.014 Storage of Explosives and Blasting Agents.

Pursuant to Section 77.106(b) of the Uniform Fire Code, the storage of explosives and blasting agents is prohibited in principal business districts, closely built commercial areas and heavily populated areas. The determination of the Fire Chief having jurisdiction shall be final.

Adopted Ordinance 1549 (1970); Amended Ordinance 2011 (1975); Amended Ordinance 2196 (1980); Amended Ordinance 2816 (1983); Amended Ordinance 3055 (1986); Amended Ordinance 3381 (1990);

23.015 Amendments to the Uniform Fire Code.

(a) Section 2.101 of the Uniform Fire Code is hereby amended to read as follows:

Sec. 2.101 Responsibility for Enforcement.

a. The Chief, as defined in Section 23.015(g), shall be responsible for the administration and enforcement of this Code. Under his or her direction, the fire department shall have the authority to enforce all ordinances of the jurisdiction and the laws of the State pertaining to:

1. The prevention of fires.
2. The suppression or extinguishing of dangerous or hazardous fires.
3. The storage, use and handling of explosive, flammable, combustible, toxic, corrosive and other hazardous gaseous, solid and liquid materials.
4. The installation and maintenance of automatic, manual, and other private fire alarm systems and fire extinguishing equipment.
5. The maintenance and regulation of fire escapes.
6. The maintenance of fire protection and the elimination of fire hazards on land and in buildings, structures, and other property, including those under construction.
7. The maintenance of exits.
8. The investigation of the cause, origin, and circumstances of fire.

b. The Chief and his or her designees and the following persons are hereby authorized to interpret and enforce the provisions of this Code (except as provided in Section 2.303) and to make arrests and issue citations as authorized by law.

1. The State Forest Ranger and peace officers of the California Department of Forestry and Fire Protection;
2. United States Forest Service officers;
3. The San Bernardino County Sheriff and any Deputy Sheriff;
4. Officers of the California Highway Patrol;
5. Bureau of Land Management;
6. Bureau of Indian Affairs.

(b) Section 2.108 of the Uniform Fire Code is hereby amended to read as follows:

Sec. 2.108 Liability for Damages.

a. This Code shall not be construed to hold the public entity or any officer or employee liable for any damage to persons or property by reason of the inspection, reinspection or any failure to inspect or by reason of the approval or disapproval of any equipment or process, or for any action in connection with the control or extinguishment of any fire or in connection with any other official duties.

b. Fire suppression, investigation and rescue or emergency medical costs are recoverable in accordance with California Health and Safety Code Sections 13009 and 13009.1.

c. Any person who negligently or intentionally, or in violation of law, causes an emergency response, including but not limited to, a traffic accident or spill of toxic or flammable fluids or chemicals, is liable for the costs of securing such emergency, including those costs set out in Health and Safety Code Section 13004.6, and as provided by Government Code Section 53150, *et seq.* Any expense incurred by the fire department for securing such an emergency situation shall constitute a debt of such person and shall be collectible by the public agency in the same manner as in the case of an obligation under contract, expressed or implied.

(c) Section 2.303 of the Uniform Fire Code is hereby amended to read as follows:

Sec. 2.303 Board of Appeals.

a. In order to determine the suitability of alternate materials and type of construction and to provide for reasonable interpretations of the provisions of this Code, there shall be and hereby is created an Appeals Board, which shall be the San Bernardino County Planning Commission (the "Appeals Board").

b. Any person (including a Fire Department) desiring a review of interpretation or enforcement of this ordinance may file a request with the Clerk of the Board of Supervisors for a hearing before the Appeals Board, upon the form provided by the Appeals Board, within fifteen (15) days after the date such interpretation is rendered or enforcement begun. The effect of the interpretation or enforcement to be reviewed is suspended until the termination of the hearing.

c. Upon receipt of a request for hearing, the Chairman shall fix the time and place of the hearing which shall be at a meeting of the Appeals Board held not less than ten (10) nor more than thirty-(30) days after the date of filing of the request for hearing. The Board shall give written notice of the time and place of the hearing to the initiating party and the Fire Chief involved. Witnesses may be sworn and examined and evidence produced, and parties may be represented by counsel. The Board shall keep a record of the proceedings of each hearing. The Board shall issue written findings and a decision within fifteen (15) days of the conclusion of the hearing which shall be mailed to the parties first class mail, postage prepaid, at such addresses as they have provided.

d. Any decision of the Appeals Board may be appealed to the San Bernardino County Board of Supervisors. A request for such review shall be filed with the Clerk of the Board of Supervisors within fifteen (15) days from the date of mailing the written decision. The Board of Supervisors shall schedule a hearing at a regular meeting within thirty (30) days of receipt of the request for appeal and shall issue a written decision within fifteen (15) days of that hearing. All such decisions shall be final and shall be mailed to the parties first class mail, postage prepaid, at such addresses as they have provided.

e. The Fire Department involved (whether appellee or appellant) shall act as staff to the Board of Appeals or to the Board of Supervisors and for that purpose may determine and set fees to charge the appellant to cover the cost of preparation of the record for appeal. A summary of costs shall be compiled and sent to the appellant after all appeal rights have been exhausted. Any refund due to the appellant shall be returned within sixty (60) days of sending the summary.

(d) Subsection 2.31M(b) of the Uniform Fire Code is hereby amended by adding the following to the listing of recognized standards:

NATIONAL FIRE PROTECTION ASSOCIATION
Batterymarch Park, Quincy, MA 02269
NFPA National Fire Codes
Volumes 1 through 11 and Supplement, 1988 Edition.

(e) Section 4.108 of the Uniform Fire Code is hereby amended by adding the following to the end of Subsection 4.108f. 1: f. 1.1 Fixed hood and duct extinguishing systems. To install or maintain any such system, see Article 10.

(f) Section 9.105 of the Uniform Fire Code is hereby amended by amending the definition of "CHIEF OR CHIEF OF THE FIRE DEPARTMENT" to read as follows:

"CHIEF OR CHIEF OF THE FIRE DEPARTMENT," shall mean the Chief Officer of the Fire Department, as defined herein, serving the jurisdiction, or his or her authorized representative. The Chief may also be referred to as the "Fire Chief." Chief Officer for the National Forest Lands within the jurisdiction shall mean the Forest Supervisor in charge of the National Forest, or his or her authorized representative. Chief Officer of the Forestry and Fire Warden Department means the County Fire Warden or his or her designee. Chief Officer for the California Department of Forestry and Fire Protection shall mean the State Forest Ranger of the San Bernardino Ranger Unit, or his or her authorized representative. Chief Officer for the San Bernardino County Consolidated Fire Agency shall mean the Chief of the Consolidated Agency or his or her designee.

(g) Section 9.108 of the Uniform Fire Code is hereby amended by amending the definition of "FIRE DEPARTMENT" to read as follows:

FIRE DEPARTMENT is any regularly organized fire department, including a volunteer fire department of a public entity charged with providing fire protection and/or suppression to the jurisdiction, fire protection district (whether board- or self-governed), county service area or zone thereof with fire protection powers, the San Bernardino County Forestry and Fire Warden Department, the San Bernardino County Consolidated Fire Agency, the United States Forest Service and the California Department of Forestry and Fire Protection.

(h) Section 9.109 of the Uniform Fire Code is hereby amended by adding the following to the list of definitions:

GOVERNING BODY OR GOVERNING AUTHORITY as used herein shall be that body created by statute or administrative act to govern a fire department.

(i) Section 9.121 of the Uniform Fire Code is hereby amended by amending the following definitions to read as follows:

SERVICE STATION, AUTOMOTIVE, is that portion of property where flammable or combustible liquids or gases used as motor fuels are sold, stored, and dispensed from fixed equipment into tanks of motor vehicles and shall include the sale and service of tires, batteries, and accessories and minor automotive maintenance.

SERVICE STATION, MARINE, is that portion of property where flammable, combustible liquids or gases used as fuel for watercraft are sold, stored, and dispensed from fixed equipment on shore, piers, wharves, floats, or barges into fuel tanks of watercraft and shall include all other facilities used in connection therewith.

(j) Subsection 10.207(b) of the Uniform Fire Code is hereby amended to read as follows:

(b) Where Required. Fire apparatus access roads shall be required for every building hereafter constructed. The access roadway shall be extended to within one hundred fifty (150) feet of, and shall give reasonable access to, all portions of the exterior walls of the first story of any building. An access road shall be provided within fifty (50) feet of all buildings if natural grade between the access road and building is in excess of thirty percent (30%). Where the access roadway cannot geographically be provided, approved fire protection system or systems shall be provided as required and approved by the Chief. Access door(s) shall be provided at near ground level for firefighting purposes in accordance with the Building Code. There shall be at least one door not less than three (3) feet in width and not less than six (6) feet eight (8) inches in height in each one hundred (100) lineal feet or major fraction thereof of the exterior wall which faces the access roadway. Metal roll-up doors are not acceptable for such purposes unless approved by the Fire Chief.

(k) Subsection 10.207(j) of the Uniform Fire Code is hereby amended to read as follows:

(j) Grade. Road grades shall not exceed twelve percent (12%) unless approved by the Chief.

(l) Section 10.207(k) of the Uniform Fire Code is hereby amended to read as follows:

(k) Obstruction. Access roads, private roadways, and public roadways shall be provided and maintained in a passable condition at all times. Any obstruction or impediment to reasonable access may be repaired or removed forthwith by any public safety agency and the expense of repair or removal is to be borne by the owner of the roadway, or in the case of an obstructing vehicle or object, by the owner of said vehicle or object.

(m) Subsection 10.301(c) of the Uniform Fire Code is hereby amended to read as follows:

(c) Water Supply. An approved water supply capable of supplying required fire flow for fire protection shall be provided by the developer prior to the commencement of construction to all premises upon which buildings or portions of buildings are hereafter constructed unless the Chief authorizes mitigation measures in writing. When any portion of the building, other than a single family dwelling, is in excess of one hundred fifty (150) feet from a public fire hydrant connected to a water supply on a public street, there shall be provided by the developer, unless otherwise designated by the Chief in writing, on-site fire hydrants and mains capable of supplying the required fire flow.

Water supply may consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed system capable of supplying the required fire flow. In setting the requirements for fire flow, the Chief shall apply the San Bernardino County, "Guide for the determination of required fire flow." This guide shall be used to establish both a minimum and maximum flow for projects served by organized water companies or water districts.

In areas without service water companies, National Fire Protection Association Pamphlet 1231 shall be used to establish on-site storage capacities, with a minimum storage capacity of 5,000 gallons.

On-site residential water storage for fire protection may be reduced to an approved ten (10) minute sprinkler demand with the installation of an approved fire sprinkler system. Sprinkler systems shall be suitably freeze protected for climatic conditions. EXCEPTION: No water supply or fire sprinkler system is required for single family dwellings constructed on parcels of 5 acres or greater in improvement level areas 4 and 5. Also, when approved by the Chief, detached group M occupancies in improvement level areas 3, 4, and 5 may be excluded when structures are located 50 feet from the property lines and any dwellings.

The duration of flow required shall not exceed the following table which has been taken from the 1980 Insurance Services Office Fire Rating Schedule:

1. Calculated fire flows up to and including two thousand five hundred (2,500) gpm shall have two (2) hours of duration.

2. Calculated fire flows greater than two thousand five hundred (2,500) gpm and up to and including three thousand five hundred (3,500) gpm shall have three (3) hours of duration.

3. Calculated fire flows greater than three thousand five hundred (3,500) gpm shall have four (4) hours of duration.

These flows and duration are in addition to the needs required to provide domestic service.

The location, number and type of fire hydrants connected to a water supply capable of delivering the required fire flow shall be provided by the developer, unless otherwise designated in writing by the Chief, on the public street or on the site of the premises to be protected. All hydrants shall be accessible to the fire department apparatus by roadways meeting the requirements in Section 10.207.

(n) Subsection 10.302(a) of the Uniform Fire Code is hereby amended to read as follows:

(a) General. All sprinkler systems, fire hydrant systems, standpipe systems, fire alarm systems, portable fire extinguishers, smoke and heat ventilators, smoke-removal systems and other fire-protective or extinguishing systems or appliances shall be maintained in an operative condition at all times and shall be replaced or repaired where defective. Fire-protective or extinguishing systems coverage, spacing and specifications shall be maintained in accordance with recognized standards at all times. Such systems shall be extended, altered or augmented as necessary to maintain and continue protection whenever any building so equipped is altered, remodeled or added to. All additions, repairs, alterations and servicing shall be in accordance with recognized standards.

(o) Subsection 10.303(d) of the Uniform Fire Code is hereby added as follows:

(d) Service. All portable fire extinguishers required by the Fire Department shall be serviced annually by the fire extinguisher service contractor licensed by the California State Fire Marshal's Office.

(p) Subsection 10.306(h) of the Uniform Fire Code is hereby amended to read as follows:

(h) Group R, Division I Occupancies. An automatic sprinkler system shall be installed throughout all new construction and additions of two or more stories in height or containing more than 15 dwelling units. Existing buildings shall be retrofitted throughout with automatic sprinklers when the new addition is 50% or greater of the original building square footage. Automatic sprinkler system installation shall be in accordance with the standard for installation of sprinkler systems, U.B.C. Standard 38-1, 1988. Residential or quick-response standard sprinkler heads shall be used in the dwelling unit and guest room portions of the building. Sprinkler systems shall be suitably freeze protected for climatic conditions.

(q) Section 11.111 of the Uniform Fire Code is hereby amended to read as follows:

Sec. 11.111 Chimney Spark Arresters.

(a) Each chimney used in conjunction with any fireplace or any heating appliance in which solid or liquid fuel is used shall be maintained with an approved spark arrester.

(b) An approved spark arrester shall mean a device constructed of stainless steel, aluminum, copper or brass, woven galvanized wire mesh, twelve (12) gauge minimum of three-eighths (3/8) inch minimum to one-half (1/2) inch maximum openings, mounted in or over all outside flue openings in a vertical and near vertical position, adequately supported to prevent movement and visible from the ground.

(r) Subsection 11.201(e) of the Uniform Fire Code is hereby added to read as follows:

(e) In the event that abatement is not performed as required in sub-sections (a) and (c) of this section, the executive body may instruct the Chief to give notice to the owner of the property upon which such condition exists to correct such prohibited condition, and if the owner fails to correct such condition, the executive body may cause the same to be done and make the expense of such correction a lien upon the property upon which such condition exists.

(s) Section 14.107 of the Uniform Fire Code is hereby amended to read as follows:

Sec. 14.107 Automatic Telephone Dialing Devices.

Automatic telephone dialing devices to transmit an emergency alarm shall not be connected to the fire department emergency telephone number.

(t) Subsection 2S. 116(b)2.K. of the Uniform Fire Code is hereby amended to read as follows:

(b) 2.K. Candles held in persons' hands are especially dangerous and shall not be permitted. Battery-operated simulated candles are available and may be used. No permit is required for battery-operated candles or other electric candles.

(u) Section 25.117 of the Uniform Fire Code is hereby amended to read as follows:

Sec. 25.117. Standby Personnel. Whenever, in the opinion of the Chief, it is essential for public safety that fire department personnel be present in any place of public assembly or any other place where people congregate, due to the number of persons, or the nature of the performance, exhibition, display, contest or activity, then the owner, agent or lessee shall reimburse the fire department for one or more qualified persons, as required and approved by the Chief, to be on duty at such place. Said individuals shall be subject to the Chief's orders at all times when so employed and shall be in uniform and remain on duty during the times such places are open to the public, or when such activity is being conducted. Before each performance or the start of such activity, such individuals shall inspect the required fire appliances provided to see that they are in proper place and in good working order, and shall keep diligent watch for fires during the time such place is open to the public or such activity is being conducted and take prompt measures for extinguishment of fires that may occur. Qualified persons shall also perform, as required, emergency medical care. Such individuals shall not be required or permitted, while on duty, to perform any other duties than those herein specified.

(v) Section 28.105 of the Uniform Fire Code is hereby amended to read as follows:

Sec. 28.105. Storage of Agricultural Products. It shall be unlawful to store hay, straw or other similar agricultural products adjacent to property lines, buildings or combustible materials unless a cleared horizontal distance equal to the height of the pile or twenty (20) feet, whichever is greater, is maintained between such storage and combustible material and buildings. A permit shall not be required for such storage.

(w) Subsection 51.1 10(b) of the Uniform Fire Code is hereby amended by deleting Table No. 51.110-E. Table No. 51.110-D shall be used in place of Table No. 51.110-E.

(x) Subsection 77.104(a) of the Uniform Fire Code is hereby amended to read as follows:

(a) Permits shall be obtained from the San Bernardino Sheriff's Department:

1. To manufacture, possess, store, sell or otherwise dispose of explosives, blasting agents or phosphoric compounds.

2. To transport explosives or blasting agents.

3. To use explosives or blasting agents.

4. To operate a terminal for handling explosives or blasting agents.

5. To deliver to or receive explosives or blasting agents from a carrier at a terminal between the hours of sunset and sunrise.

6. To transport blasting caps or electric blasting caps on the same vehicle with explosives. See Section 4.108.

(y) Subsections 77.104(0 and (g) of the Uniform Fire Code are hereby added to read as follows:

(f) In addition to the requirements as set forth in this Article, the Sheriff's Department or the Fire Department may, for the safety and security of explosives and the public, set additional requirements for permit applicant.

(g) The Sheriff's Department shall notify the Fire Department when any application has been made for an explosives permit for a specific location and purpose. No permit shall be issued without the approval of the Fire Department.

(z) Subsection 77.106(e) of the Uniform Fire Code is hereby added to read as follows:

(e) For the purpose of this part, temporary storage shall mean no longer than four (4) hours or the end of the work day, whichever time is less.

(aa) Subsection 77.201(b) of the Uniform Fire Code is hereby amended to read as follows:

(b) Magazines shall at all times be in the custody of a person holding a valid explosives permit who shall be at least twenty-one (21) years of age and who shall be held responsible for compliance with all safety precautions.

(bb) Subsection 77.201(p) of the Uniform Fire Code is hereby amended to read as follows:

(p) When an explosive has deteriorated to an extent that it is in an unstable or dangerous condition, or if nitroglycerine leaks from any explosive, then the person in possession of such explosive shall immediately report the fact to the Chief and, upon his authorization, shall proceed to destroy such explosives and clean floors stained with nitroglycerin in accordance with the instructions of the manufacturer. Only experienced persons holding a valid explosives permit shall do the work of destroying explosives.

(cc) Subsection 77.202(a) of the Uniform Fire Code is hereby amended to read as follows:

(a) The Chief may authorize the storage of smokeless powder not to exceed one hundred (100) pounds, black sporting powder not to exceed five (5) pounds, and small arms primers not to exceed twenty thousand (20,000) on shelf for display and up to five hundred thousand (500,000) in approved Class II magazines in approved establishments. Smokeless powder exceeding twenty (20) pounds shall be stored in an approved Class 11 magazine. Black sporting powder, when authorized, shall be stored in an approved Class I1 magazine. Small arms primers shall be stored in a manner prescribed by the Chief.

(dd) Subsection 77.202(b) of the Uniform Fire Code is hereby amended to read as follows:

(b) The display of smokeless powder shall be only in original containers and shall not exceed twenty (20) pounds in one (1) pound containers. The display of black powder shall not exceed one (1) pound in a one (1) pound container.

(ee) Subsection 77.301(b) of the Uniform Fire Code is hereby amended to read as follows:

(b) The handling and firing of explosives shall be performed only by the person(s) possessing a valid explosives permit issued by the Sheriff's Department.

(ff) Subsection 77.301(n) of the Uniform Fire Code is hereby added to read as follows:

(n) The Fire Department shall be notified prior to detonation of any explosives.

(gg) Subsection 77.302(d) of the Uniform Fire Code is hereby amended to read as follows:

(d) Every vehicle when used for transporting explosives shall be equipped with not less than two approved-type fire extinguishers with a minimum rating of 2-A,10-B:C. Extinguishers shall be so located as to be readily available for use.

(hh) Subsection 77.303(e)5. of the Uniform Fire Code shall be amended to read as follows:

(e) 5. Explosives shall be kept locked inside approved vehicles to the greatest extent possible. During transferring or loading operations, the explosives should remain on the ground or on docks for as short a time as possible.

(ii) Subsection 77.304(d) of the Uniform Fire Code is hereby added to read as follows:

(d) When a semi-trailer is used for the temporary storage of blasting agents at a storage site, the trailer must:

1. Be fully licensed by the California Department of Motor Vehicles for the transportation of explosives.
2. The kingpin must be locked or the wheels removed.
3. Each door must be equipped with a lock and hasp that is protected with a cover to prevent tampering. The cover is to be made of one-quarter (1/4) inch steel or equivalent gage steel.
4. The hinges on each door must be secure to prevent tampering and access.
5. Temporary storage for this part means less than thirty (30) days.

(jj) Subsection 79.507(c)4.A. of the Uniform Fire Code is hereby amended to read as follows:

(c) 4.A. Where the average height of the dike containing Class I and Class II liquids is over twelve (12) feet measured from interior grade or where the distance between any tank and the top inside edge of the dike wall is less than the height of the dike wall, provisions shall be made for normal operation of valves and for access to tank roof(s) without entering below the top of the dike. These provisions may be met through the use of remote operated valves, elevated walkways or similar arrangements.

(kk) Subsection 79.507(c)6. of the Uniform Fire Code is hereby added to read as follows :

(c) 6. The distance between the inside of any dike and the shell of any tank not over thirty (30) feet in diameter shall be not less than five (5) feet. For tanks over thirty (30) feet in diameter the distance shall be not less than ten (10) feet.

(ll) Section 79.601(d) of the Uniform Fire Code is hereby amended to read as follows:

(d) Leaking Tanks. Leaking tanks shall be emptied and removed from the ground, or abandoned in accordance with Fire Department and Environmental Health Services Policies.

(mm) Subsection 79.804(2) of the Uniform Fire Code is hereby amended to read as follows:

2. Electrical wiring and equipment located within use, dispensing and mixing rooms shall be approved for Class I, Division I hazardous locations in accordance with the National Electrical Code.

(nn) Subsection 79.907(a) of the Uniform Fire Code is hereby amended to read as follows:

Section 79.907. Drainage and Waste Disposal.

(a) Control and Connection to Sewer. Provisions shall be made in the area where Class I, II or II-A liquids may be spilled to prevent liquids from flowing into interior of service station buildings. Such provisions may be by grading driveway, raising door sills, or other equally effective means. Crankcase drainings and flammable or combustible liquids shall not be dumped into sewers.

(oo) Subsection 79.907(b) of the Uniform Fire Code is hereby amended to read as follows:

(b) Crankcase Drainings. Tanks installed for crankcase drainings shall be installed in accordance with the requirements for Class I liquid storage. In addition thereto, drainage lines terminating inside a building shall be equipped with a nonremovable-type cap (such as a hinged cap).

(pp) Subsection 79.907(e) of the Uniform Fire Code is hereby added to read as follows:

(c) Storage. Crankcase drainings and waste oil products may be stored in an above-ground tank as approved by the Chief. Drainings and used oils may also be stored outside a building in not more than three tight drums having an aggregate capacity not exceeding one hundred and eighty (180) gallons.

(qq) Subsection 79.1007(d) of the Uniform Fire Code is hereby amended to read as follows:

(d) Location. Tanks shall be kept outside and at least fifty (50) feet from any property line, building or combustible storage and shall be so located or such additional distance shall be provided as will ensure that any vehicle, equipment or container being filled directly from such tank shall be not less than fifty (50) feet from any structure, haystack or other combustible storage.

(rr) Subsection 79.1206(b) of the Uniform Fire Code is hereby amended to read as follows:

(b) Parking Off Thoroughfare. A tank vehicle shall not be left unattended within five hundred (500) feet of any residential area, apartment or hotel complex, educational, hospital or care facility at any time; or at any other place that would, in the opinion of the Chief, present an extreme life hazard. A tank vehicle shall not be parked at any one point for longer than one hour except:

1. Off a street, highway, avenue or alley.
2. Inside a bulk plant and twenty-five (25) feet from the property line or within a building approved for such use.
3. At other approved locations not less than fifty (50) feet from any building except those approved for the storage or servicing of such vehicle.
4. When, in case of breakdown or other emergency, the operator must leave the vehicle to take necessary action to correct the emergency.

(ss) Section 79.1400 of the Uniform Fire Code is hereby added to read as follows:

See. 79.1400. Restricted Locations. Bulk plants shall be prohibited within the limits of districts in which such plants are prohibited by law.

(tt) Section 80.109 of the Uniform Fire Code is hereby added to read as follows:

Sec. 80.109. Parking and Garaging.

(a) Parking on Thoroughfare. Any vehicle containing hazardous materials shall not be left unattended on any residential street nor in or within five hundred (500) feet of any residential area, apartment or hotel complex, educational, hospital or care facility at any time; or at any other place that would, in the opinion of the Chief, present an extreme life hazard. In locations other than those specified in Section 80.112(a), a driver shall not leave the vehicle unattended on any street, highway, avenue or alley.

EXCEPTIONS:

1. The necessary absence in connection with loading or unloading the vehicle; but during actual discharge from the vehicle, the provisions of Section 80.112(b) shall apply.
2. Stops for meals during the day or night, if the street is well lighted at the point of parking.
3. When, in case of breakdown or other emergency, the operator must leave the vehicle to take necessary action to correct the emergency.

(b) Parking Off Thoroughfare. Any vehicle containing hazardous materials shall not be left unattended within five hundred (500) feet of any residential area, apartment or motel complex, educational, hospital or care facility at any time; or at any other place that would, in the opinion of the Chief, present an extreme life hazard. Any vehicle containing hazardous materials shall not be parked at any one point for longer than one hour except:

1. Off a street, highway, avenue or alley;
2. Inside a bulk plant and twenty-five (25) feet from the property line or within a building approved for such use.
3. At other approved locations not less than fifty (50) feet from any building except those approved for the storage or servicing of such vehicle;

4. When, in case of breakdown or other emergency, the operator must leave the vehicle to take necessary action to correct the emergency.

(c) Garaging. Vehicles containing hazardous materials shall not be parked or garaged in any buildings other than those specifically approved for such use by the Chief.

(uu) Subsection 82.104(b) of the Uniform Fire Code is hereby amended to read as follows:

(b) Maximum Capacity Within Established Limits. Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested commercial areas, the aggregate capacity of any one installation shall not exceed two thousand (2000) gallons water capacity, except that in particular installations this capacity limit may be altered with the approval of the Chief after consideration of special features such as topographical conditions, nature of occupancy and proximity to buildings, capacity of proposed tanks, degree of private fire protection to be provided and facilities of the local fire department. The storage of liquefied petroleum gas shall conform to the provisions of the local zoning ordinance or as identified in the Development Code, Section 87.1335, Fire Hazards.

(vv) Section 80.306 of the Uniform Fire Code is hereby amended to add the following exception to the end of Subsection 80.306(a)(1):

EXCEPTION: For retail display of nonflammable solid and nonflammable or noncombustible liquid Class 1, Class 2, Class 3 oxidizers, see Section 80.109.

(ww) Table No. 80.306-A of the Uniform Fire Code is hereby amended by adding the following exception to the end of Subsection 80.306(a)(2):

EXCEPTION: A maximum quantity of 200 pounds of solid or 20 gallons of Liquid Class 3 oxidizers may be permitted in Groups I, M, and R Occupancies when such materials are necessary for maintenance purposes or operation of equipment. The oxidizers shall be stored in approved containers and in a manner approved by the Chief.

(xx) Subsection 82.104(c) of the Uniform Fire Code is hereby amended to read as follows:

(c) Container Location. Containers shall be located with respect to buildings or line of adjoining property which may be built upon in accordance with the following table:

TABLE NO. 82.104

Container Capacity (U- S. Gallons)	Minimum Distance
Less than 100.....	5 feet
101 to 500.....	10 feet
501 to 1,200.....	25 feet
1,201 to 30,000.....	50 feet
30,001 to 60,000.....	75 feet
More than 60,000.....	100 feet

NOTE: With the approval of the Chief, containers may be located a lesser distance to buildings of not less than one-hour fire-resistive construction in accordance with the Building Code, provided the above distances applied to openings in buildings are maintained and the relief valves will not discharge in the direction of a means of egress or against the building.

(yy) Subsection 82.104(d) of the Uniform Fire Code is hereby amended to read as follows:

(d) Multiple container installations with a total storage capacity of more than one hundred eighty thousand (180,000) water gallons (150,000 gallons LP-gas capacity) shall be subdivided into groups containing not more than one hundred eighty thousand (180,000) water gallons in each group. Such groups shall be separated by a distance of not less than twenty-five (25) feet. Tanks shall be mounted in an approved manner, and (i) protected with approved insulation over the entire surface of all tanks, or (ii) protected by four (4) hour firewalls of approved construction, or (iii) protected by an approved system for application of water, or (iv) protected by other approved means.

(zz) Subsection 82.104(e) of the Uniform Fire Code is hereby added to read as follows:

(e) Liquefied petroleum gas containers and tanks shall be positioned in relation of one to another in such a manner so that the length axis of each tank is paralleled to other tanks.

(aaa) Section 85.104 of the Uniform Fire Code is hereby amended to read as follows:

It shall be unlawful to maintain any electrical wiring, appliance, apparatus, or device in violation of the Electrical Code. When any electrical hazards are identified, measures to abate such conditions shall be taken.

(bbb) Section 7 of Appendix II-A of the Uniform Fire Code is hereby amended to read as follows:

7. Spark Arresters Required.

(a) Each chimney used in conjunction with any fireplace or any heating appliance in which solid or liquid fuel is used shall be maintained with an approved spark arrester.

(b) An approved spark arrester shall mean a device constructed of stainless steel, copper or brass, woven galvanized wire mesh, twelve (12) gauge minimum with a three-eighths (5/8) inch minimum to one-half (1/2)

inch maximum openings, mounted in or over all outside flue openings in a vertical or near vertical position, adequately supported to prevent movement and visible from the ground.

(ccc) Subsection 15(e) of Appendix II-A of the Uniform Fire Code is hereby added to read as follows:

15(e) In the event that the abatement is not performed as required in Subsection (a), (b), or (c), the executive body may instruct the Chief to give notice to the owner of the property upon which such condition exists to correct such prohibited condition, and if the owner fails to correct such condition, the executive body may cause the same to be done and make the expense of such correction a lien upon the property upon which such condition exists.

(ddd) Section 17 of Appendix I-A of the Uniform Fire Code is hereby amended to read as follows:

17. Clearance of Brush or Vegetative Growth from Roadways.

(a) The Chief may require brush, vegetation, or debris to be removed and cleared within ten (10) feet on each side of every roadway and access drive, and may enter upon private property to do so. This section shall not apply to single specimens of trees, ornamental shrubbery or cultivated ground cover such as green grass, ivy, succulents or similar plants used as ground covers, provided that they do not form a means for the ready transmission of fire. As used in this section, "roadway" means that portion of a highway or private street improved or ordinarily used for vehicular travel.

(b) If the Chief determines in any specific case that difficult terrain, danger of erosion or other unusual circumstances make strict compliance with the clearance of vegetation provisions of Sections 15, 16, or 17 of this appendix undesirable or impractical, he or she may suspend enforcement thereof and require reasonable alternative measures designed to advance the purposes of this article.

(c) In the event that the abatement is not performed as required in Subsection (a) of this section, the executive body may instruct the Chief to give notice to the owner of the property upon which said condition exists to correct such prohibited condition, and if the owner fails to correct such condition the executive body may cause the same to be done and make the expense of such correction a lien upon the property upon which such condition exists.

Adopted Ordinance 1549 (1970); Amended Ordinance 2011 (1975); Amended Ordinance 2196 (1980); Amended Ordinance 2816 (1983); Amended Ordinance 2856 (1984); Amended Ordinance 3055 (1986); Amended Ordinance 3381 (1990);

23.016 Penalty.

(a) All violations of this Code shall be deemed infractions with the exception of Article 3, violations of which shall be deemed misdemeanors.

(b) Each such person, firm or corporation shall be deemed guilty of a separate offense upon each day during any part of which any violation of any of the provisions of this code is committed, continued, permitted or maintained by such person, firm or corporation. Such offenses shall be punishable as herein provided.

Adopted Ordinance 1549 (1970); Amended Ordinance 2196 (1980); Amended Ordinance 2816 (1983); Amended Ordinance 3055 (1986); Amended Ordinance 3381 (1990);

23.017 Fees.

Reasonable fees, not to exceed actual costs, may be collected by the Chief for fire protection planning and fire prevention services included in the Code and in this ordinance.

Adopted Ordinance 1549 (1970); Amended Ordinance 2196 (1980); Amended Ordinance 2816 (1983); Amended Ordinance 3055 (1986); Ordinance 3381 (1990);

23.018 Validity Clause.

If any section, subsection, sentence, clause or phrase of this Chapter is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this Chapter. The Board of Supervisors hereby declares that it would have adopted this Chapter, and each section, subsection, clause, sentence or phrase thereof, irrespective of the fact that any one or more sections, subsections, clauses, sentences or phrases be declared unconstitutional.

Adopted Ordinance 1549 (1970); Amended Ordinance 2011 (1975); Amended Ordinance 2196 (1980); Amended Ordinance 2816 (1983); Amended Ordinance 3055 (1986); Amended Ordinance 3381 (1990);